



DIST

COUNTY

ROUTE

KILOMETER POST TOTAL PROJECT

SHEET NO.

TOTAL SHEETS

REGISTERED CIVIL ENGINEER

January 24, 2005

PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER

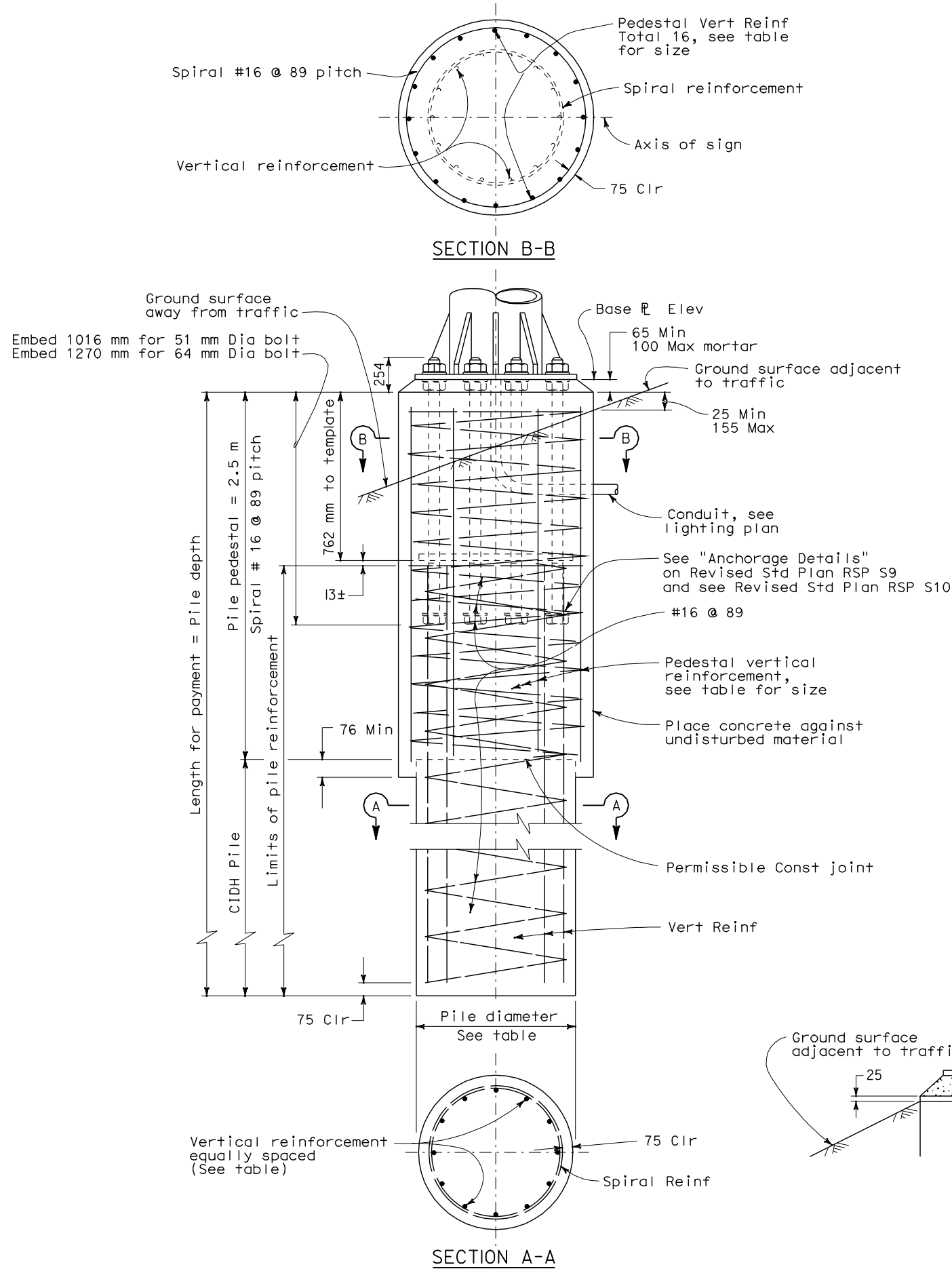
Tillat Sattar

No. C42892

Exp. 03-31-2006

CIVIL

STATE OF CALIFORNIA

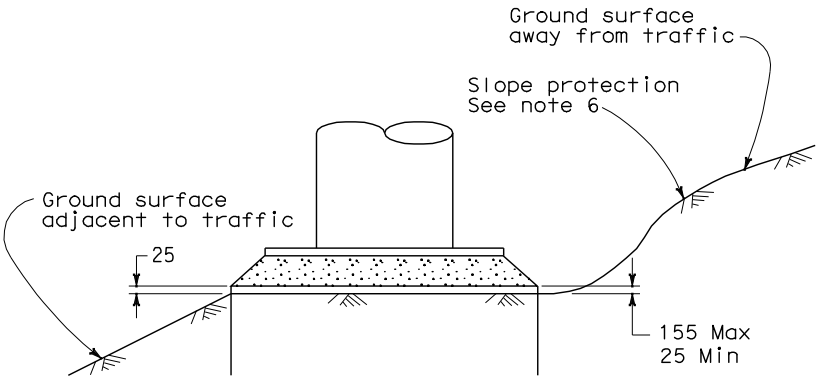


Post Type	Anchor Bolts				Round Pedestal					CIDH Pile					
	Total	Dia (mm)	BC (mm)	Total Length (mm)	Dia (mm)	Total	Bar Size	BC (mm)	Bar Size	Pitch	Pile Dia (mm)	Pile Depth (m)	Total	Bar Size	BC (mm)
I-S	12	51	711	1270	1600	16	32	1381	16	89	1372	5.5	26	32	1143
II-S	12	51	711	1270	1600	16	32	1381	16	89	1372	6	26	32	1143
III-S	12	51	787	1270	1600	16	32	1381	16	89	1372	7	26	32	1143
IV-S	14	51	864	1270	1600	16	32	1381	16	89	1372	7	26	32	1143
V-S	16	64	965	1524	1753	16	36	1533	16	89	1524	8	28	36	1295
VI-S	16	64	1041	1524	1753	16	36	1533	16	89	1524	8.5	28	36	1295
VII-S	16	64	1041	1524	1753	16	36	1533	16	89	1524	8.5	28	36	1295

Use Foundation Depth shown in table unless otherwise shown on the Project Plans.

NOTES

1. For anchor bolt layout see post sheet.
2. For "Base E elevation" see Project Plans.
3. Longer side of post shall be normal to axis of sign.
4. Prior to erection of the post, backfill which is equivalent to the surrounding material, shall be in place.
5. Pedestal shall be formed 150 mm Min below ground surface. Remainder to be placed against undisturbed material.
6. Slope protection required when indicated on the Project Plans.
7. Foundation design is based on 2001 AASHTO article 13.6 Broms' approximate procedure assuming a cohesionless material. The angle of internal friction used is 30° and unit weight of soil used is 1922 kg/m³.



STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGNS-TRUSS  
TWO POST TYPE  
ROUND PEDESTAL PILE FOUNDATION

NO SCALE  
ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN

RSP S15 DATED JANUARY 24, 2005 SUPERSEDES STANDARD PLAN S15  
DATED JULY 1, 2004-PAGE 324 OF THE STANDARD PLANS BOOK DATED JULY 2004.

REVISED STANDARD PLAN RSP S15